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**JUN 01 2006**

**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: <b>Vrazel et al.</b>	)	
	)	Art Unit: <b>2819</b>
Application No.: <b>10/032,586</b>	)	
	)	Examiner: <b>Jean Bruner Jeanglaude</b>
Filed: <b>December 21, 2001</b>	)	
	)	Attorney Docket No: <b>07982.105010</b>
For: <b>Increasing Data Throughput In</b>	)	
<b>Optical Fiber Transmission Systems</b>	)	Confirmation No: <b>9197</b>

**AMENDMENT AND RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 1, 2006

Sir:

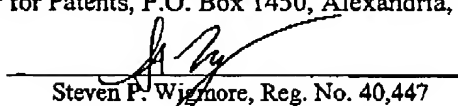
In response to the Office Action mailed December 20, 2005, (and with a petition for a three-month extension of time fee filed herewith to extend the due date to June 20, 2006) please enter and consider the amendments and remarks provided below.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks begin on page 11 of this document.

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I hereby certify that this correspondence is being transmitted via facsimile (571-273-8300) to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 1, 2006.

  
Steven P. Wignmore, Reg. No. 40,447